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FIG. 1A

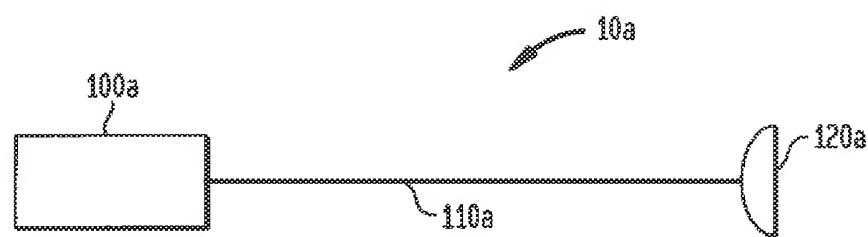


FIG. 1B

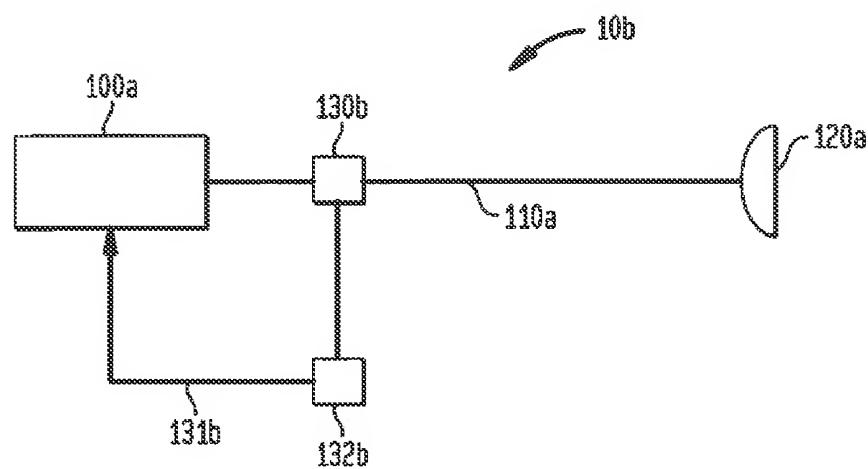


FIG. 2

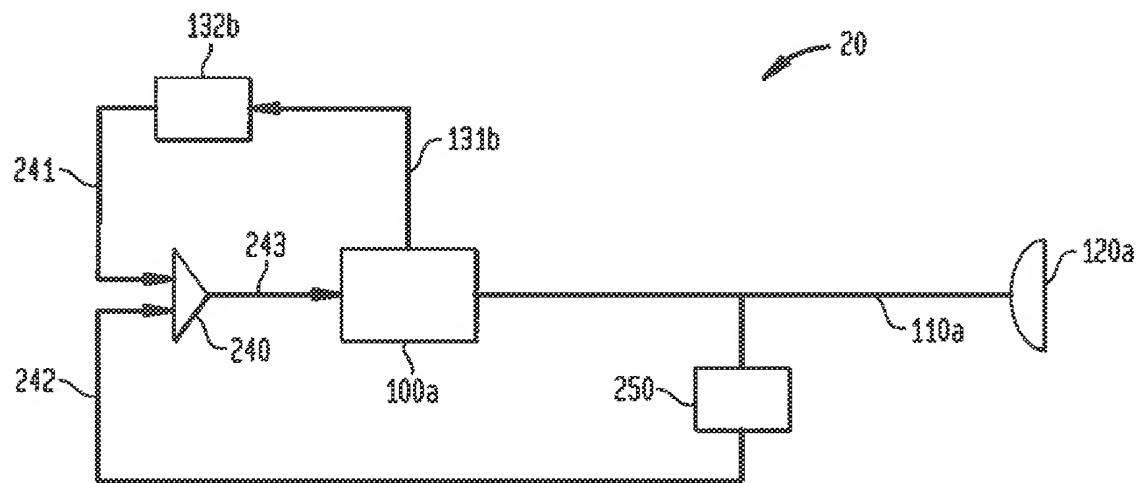
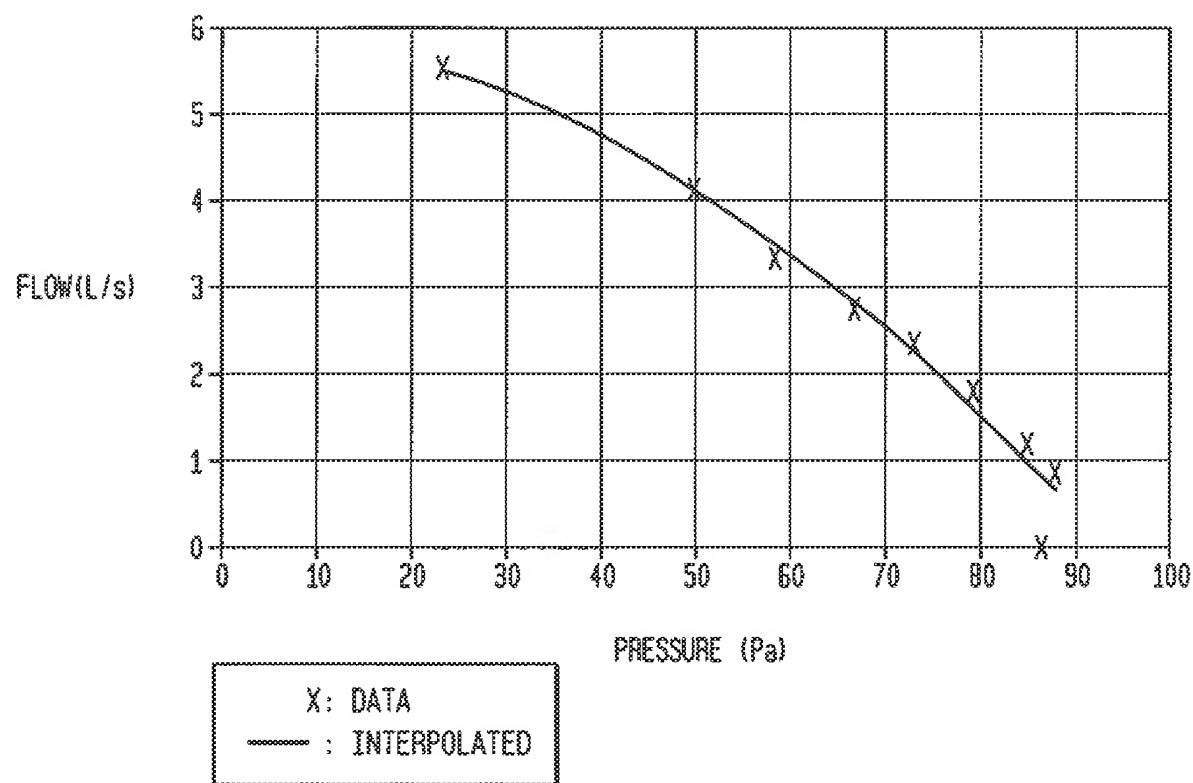
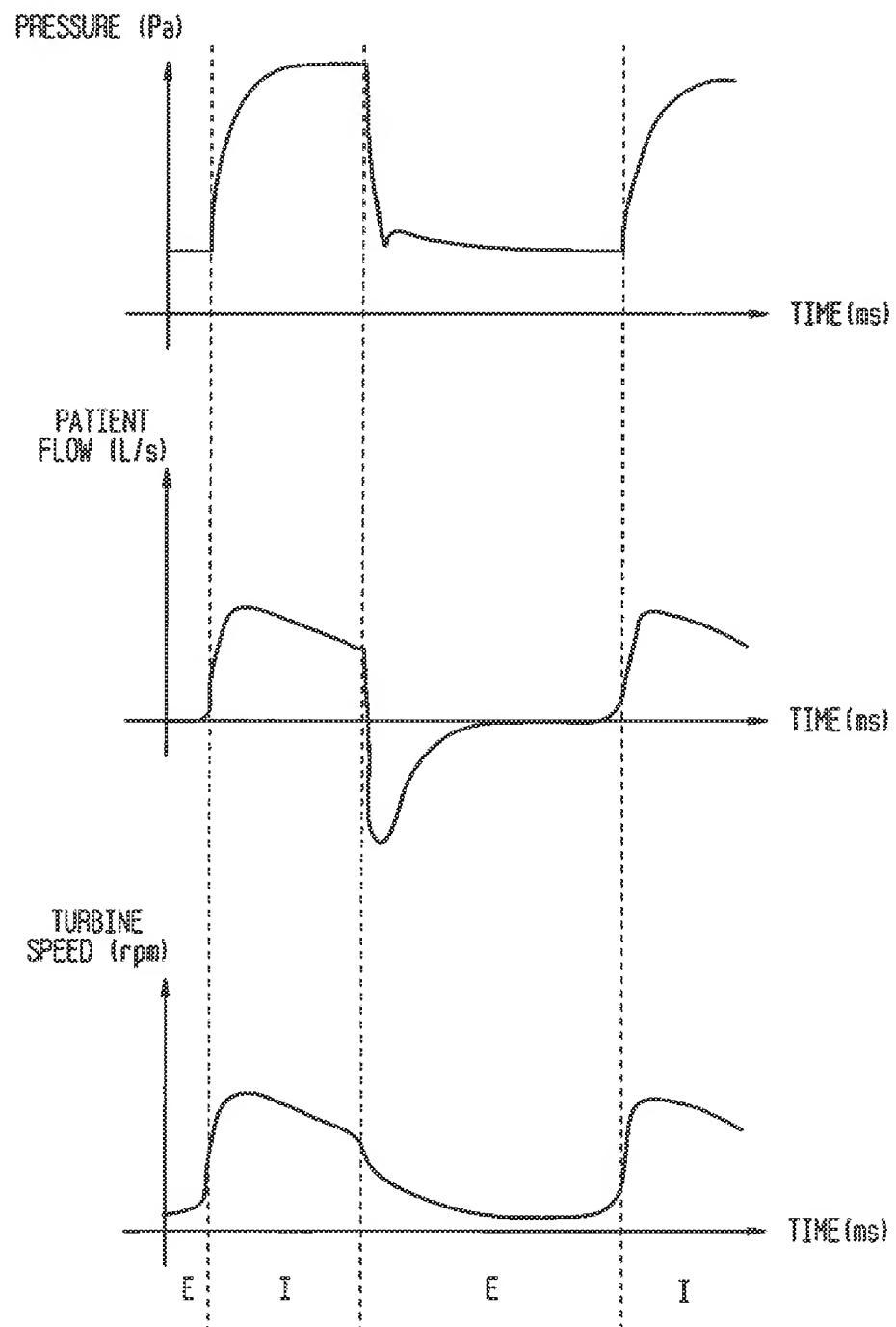


FIG. 3



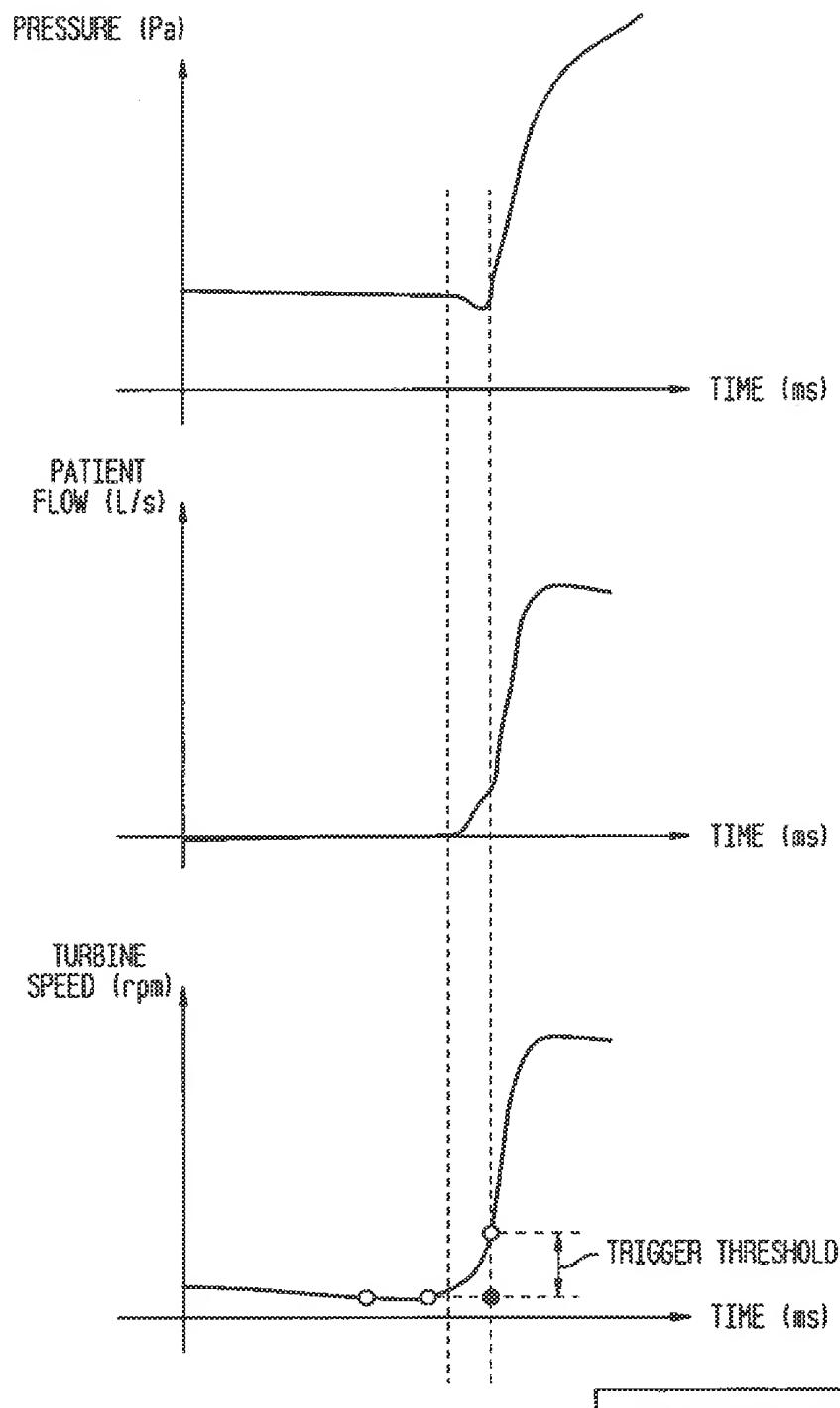
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FIG. 4



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FIG. 5

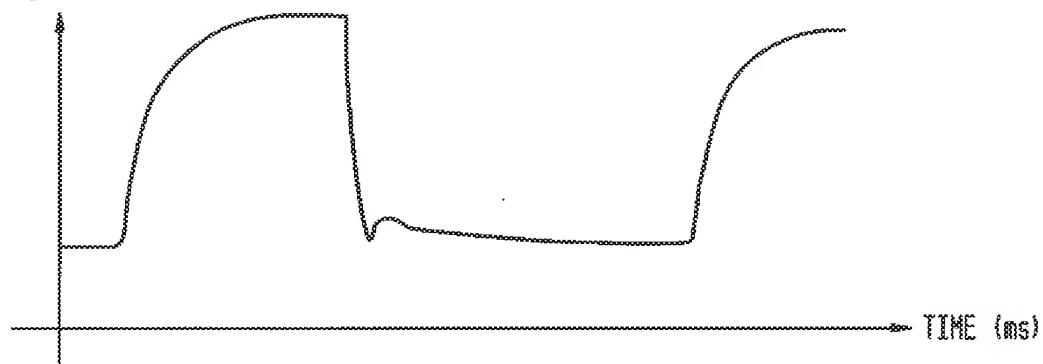


- THEOREICAL VALUE EVALUATION
- MEASURED VALUES

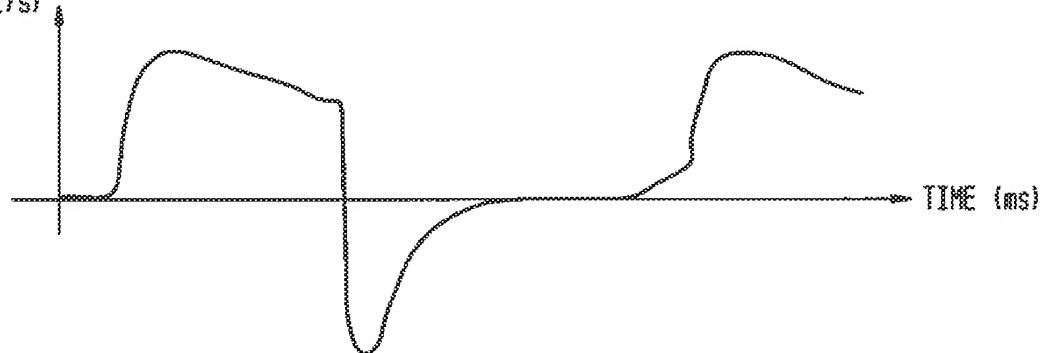
TRIGGERING OF INSPI CYCLE BY  
FAST EFFORT DETECTION

FIG. 6

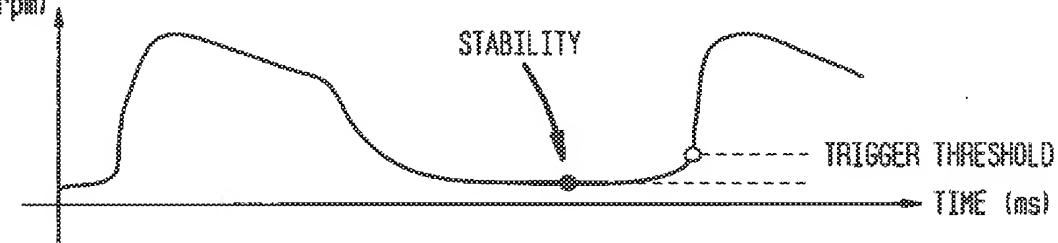
PRESSURE (Pa)



PATIENT FLOW (L/s)



TURBINE SPEED (rpm)

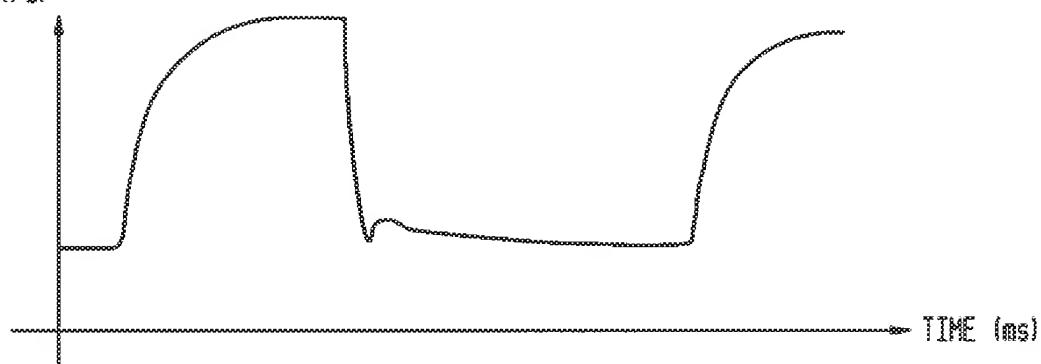
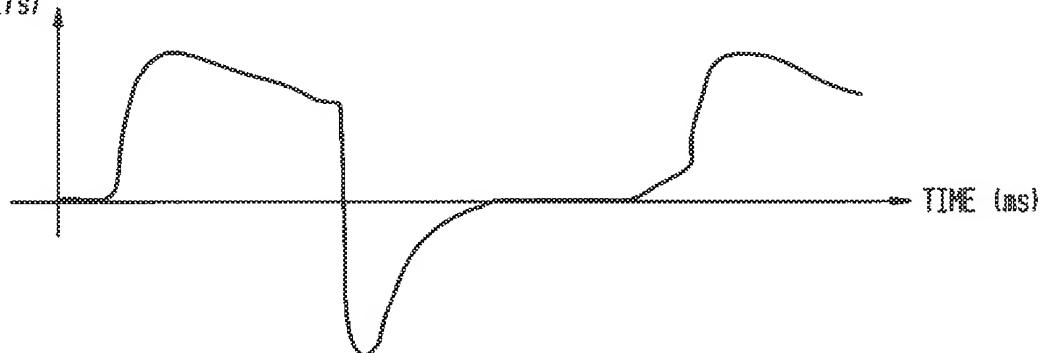
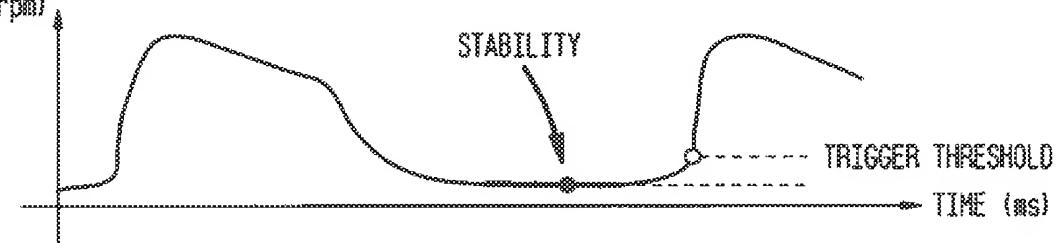


- MEMORISED VALUES
- MEASURED VALUES

TRIGGERING OF INSPI CYCLE BY DETECTION  
OF SUBSTANCIAL EFFORT AFTER STABILITY

FIG. 7

PRESSURE (Pa)

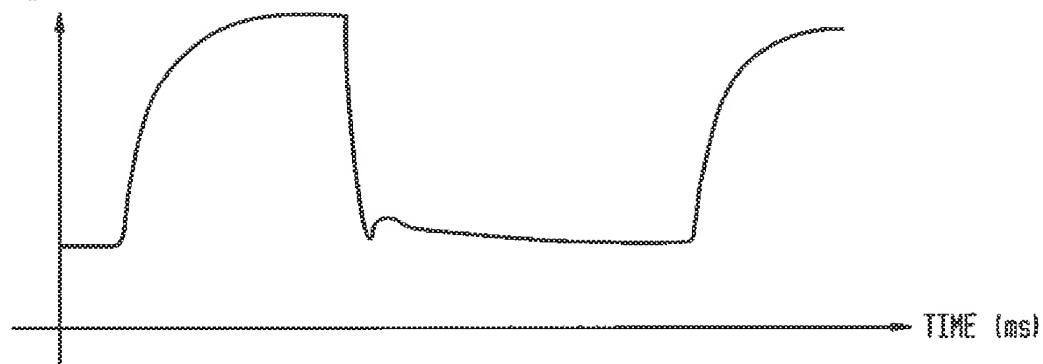
PATIENT  
FLOW (L/s)TURBINE  
SPEED (rpm)

- MEMORISED VALUES
- MEASURED VALUES

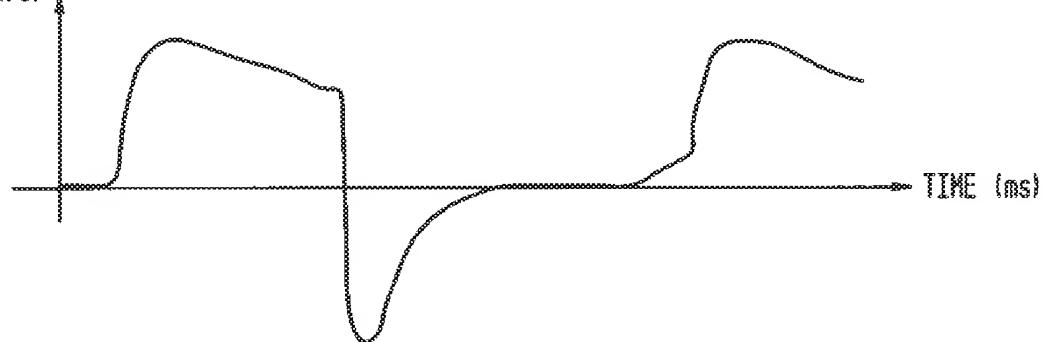
TRIGGERING OF INSPI CYCLE BY DETECTION  
OF SUBSTANCIAL EFFORT AFTER PROLONGED STABILITY

FIG. 8

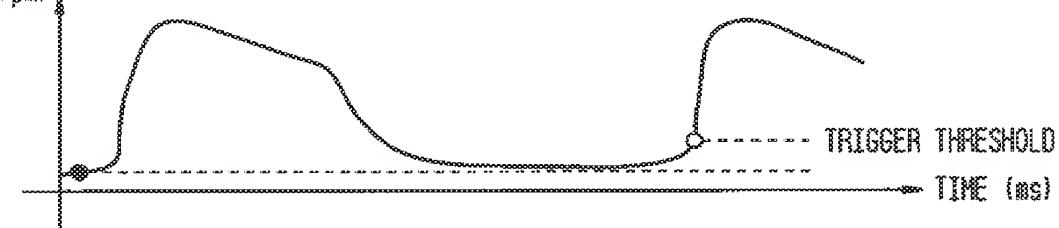
PRESSURE (Pa)



PATIENT FLOW (L/s)



TURBINE SPEED (rpm)

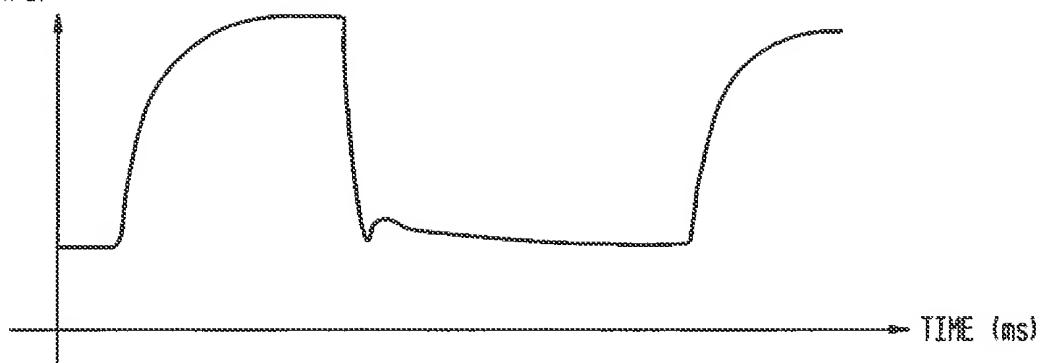


- VALUES OF PRECEDING CYCLE
- MEASURED VALUES

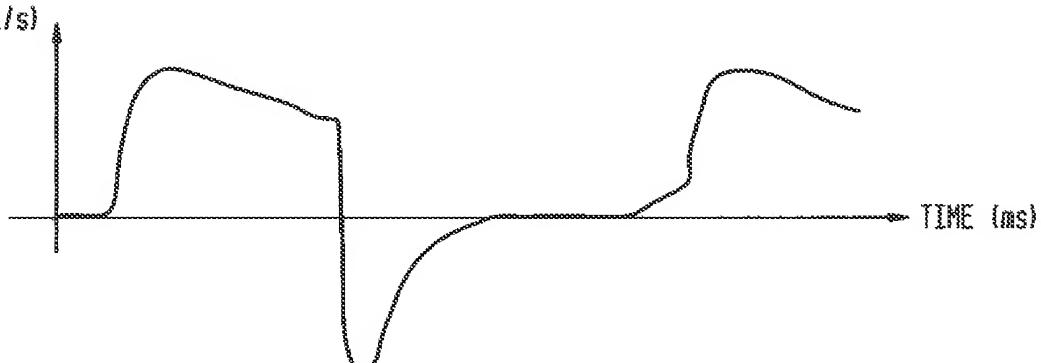
TRIGGERING OF INSPI CYCLE BY CYCLE TO  
CYCLE DETECTION OF EFFORT

FIG. 9

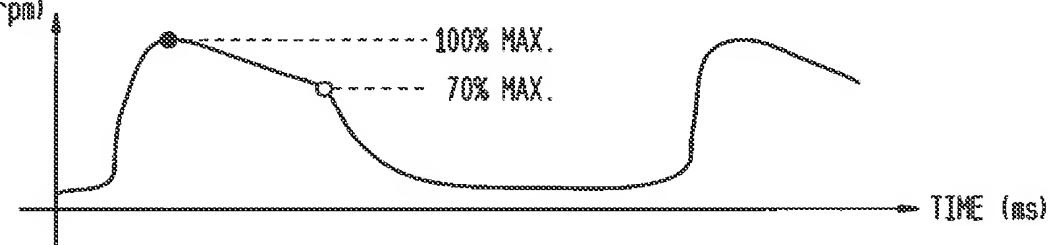
PRESSURE (Pa)



PATIENT FLOW (L/s)



TURBINE SPEED (rpm)



TRIGGERING OF EXPIRATION CYCLE